

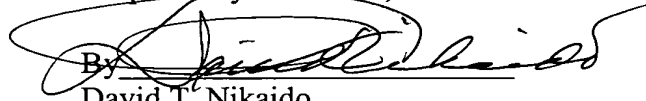
REMARKS

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-0013, under Order No. OGW-0350 from which the undersigned is authorized to draw.

Dated: January 10, 2005

Respectfully submitted,


By David T. Nikaido

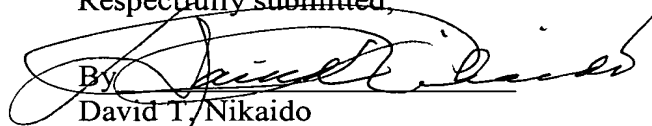
David T. Nikaido
Registration No.: 22,663
RADER, FISHMAN & GRAUER PLLC
1233 20th Street, N.W.
Suite 501
Washington, DC 20036
(202) 955-3750
Attorneys for Applicant

REMARKS

This Letter essentially restates the Articles 19 and 34 Amendments as it would apply to the English language specification. The Articles 19 and 34 Amendments have been applied to original claims 1 and 8. Original claim 7 was cancelled. To show the changes made to the claims, copies of (1) Original Claims "A", (2) Article 19 Amendment "B", (3) Article 34 Amendment "C" and (4) A First Preliminary Amendment amending claim 6 for improper multiple dependency are enclosed for convenience of understanding. Accordingly, the final form of claims 1- 6 and 8 are presented as AMENDMENTS TO THE CLAIMS and are submitted for examination on the merits.

Dated: January 10, 2005

Respectfully submitted,

By 

David T. Nikaido

Registration No.: 22,663

RADER, FISHMAN & GRAUER PLLC

1233 20th Street, N.W., Suite 501

Washington, DC 20036

(202) 955-3750

Attorney for Applicant

B

ARTICLE 19 AMENDMENT
(ORIGINAL AMENDED TO ARTICLE 19)

1. (Currently Amended) A compound solid tire, comprising a core tire made of an annular elastic body and an annular cover tire having an inner peripheral surface to be fitted to an outer peripheral surface of the core tire, the cover tire forming a tread part and side parts, wherein the inner peripheral length of the cover tire at the inner peripheral surface center position is set to 92 to 99.5% of the outer peripheral length of the core tire at the outer peripheral surface center position, and at least one longitudinal groove extending in the tire circumferential direction and a plurality of transversal grooves extending in the tire axial direction are provided on the outer peripheral surface of the core tire, on the other hand, a protrusion engaging with the longitudinal groove and transversal grooves is provided on the inner peripheral surface of the cover tire.

2. (Original) The compound solid tire of claim 1, wherein the expanded width of the inner peripheral surface of the cover tire is set to 95 to 100% of that of the outer peripheral surface of the core tire.

3. (Original) The compound solid tire of claim 1, wherein the curvature radius in the tire axial direction of the inner peripheral surface of the cover tire is set to 60 to 75% of the curvature radius in the tire axial direction of the outer peripheral surface of the core tire.

4. (Original) The compound solid tire of any of claims 1 to 3, wherein a flange is disposed on the inner peripheral edge of the side part of the cover tire.

5. (Original) The compound solid tire of claim 4, wherein, assuming that the section height of an assembly of the core tire and the cover tire is A, the section height of the cover tire B, the tread thickness at the inner peripheral surface center position of the cover tire C, the tread thickness at the shoulder position of the cover tire D and the flange

thickness of the cover tire E, it is required that the proportion (%) of these dimensions satisfy the following expressions (1) to (4):

$$35 \leq B/A \times 100 \leq 70 \quad \dots (1)$$

$$5 \leq C/A \times 100 \leq 30 \quad \dots (2)$$

$$100 \leq D/C \times 100 \leq 120 \quad \dots (3)$$

$$30 \leq E/C \times 100 \leq 60 \quad \dots (4)$$

6. (Original) The compound solid tire of any of claims 1 to 5, wherein JIS A hardness of rubber compositions which form the cover tire is 60 to 75, and the modulus at 300% elongation is 7 to 14 MPa.

7. (Cancelled)

8. (Currently Amended) The compound solid tire of ~~claim 7~~ claim 1, wherein the transversal grooves ~~are~~ is inclined in respect with the tire axial direction and a pattern formed by the longitudinal and transversal grooves is made non-directional, by making the pattern point-symmetrical around an arbitrary axis included in the tire equatorial plane and extending in the tire radial direction.

C

ARTICLE 34 AMENDMENT
(ARTICLE 19 TO ARTICLE 34)

1. (Currently Amended) A compound solid tire, comprising a core tire made of an annular elastic body and an annular cover tire having an inner peripheral surface to be fitted in a non-bonding state to an outer peripheral surface of the core tire, the cover tire forming a tread part and side parts, wherein the inner peripheral length of the cover tire at the inner peripheral surface center position is set to 92 to 99.5% of the outer peripheral length of the core tire at the outer peripheral surface center position, and at least one longitudinal groove extending in the tire circumferential direction and a plurality of transversal grooves extending in the tire axial direction are provided on the outer peripheral surface of the core tire, on the other hand, a protrusion engaging with the longitudinal groove and transversal grooves is provided on the inner peripheral surface of the cover tire.

2. (Original) The compound solid tire of claim 1, wherein the expanded width of the inner peripheral surface of the cover tire is set to 95 to 100% of that of the outer peripheral surface of the core tire.

3. (Original) The compound solid tire of claim 1, wherein the curvature radius in the tire axial direction of the inner peripheral surface of the cover tire is set to 60 to 75% of the curvature radius in the tire axial direction of the outer peripheral surface of the core tire.

4. (Original) The compound solid tire of any of claims 1 to 3, wherein a flange is disposed on the inner peripheral edge of the side part of the cover tire.

5. (Original) The compound solid tire of claim 4, wherein, assuming that the section height of an assembly of the core tire and the cover tire is A, the section height of the cover tire B, the tread thickness at the inner peripheral surface center position of the

cover tire C, the tread thickness at the shoulder position of the cover tire D and the flange thickness of the cover tire E, it is required that the proportion (%) of these dimensions satisfy the following expressions (1) to (4):

$$35 \leq B/A \times 100 \leq 70 \quad \cdots (1)$$

$$5 \leq C/A \times 100 \leq 30 \quad \cdots (2)$$

$$100 \leq D/C \times 100 \leq 120 \quad \cdots (3)$$

$$30 \leq E/C \times 100 \leq 60 \quad \cdots (4)$$

6. (Original) The compound solid tire of any of claims 1 to 5, wherein JIS A hardness of rubber compositions which form the cover tire is 60 to 75, and the modulus at 300% elongation is 7 to 14 MPa.

7. (Cancelled)

8. (Currently Amended) The compound solid tire of ~~claim 7~~ claim 1, wherein the transversal grooves ~~are~~ is inclined in respect with the tire axial direction and a pattern formed by the longitudinal and transversal grooves is made non-directional, by making the pattern point-symmetrical around an arbitrary axis included in the tire equatorial plane and extending in the tire radial direction.